

## Title (en)

System and method for providing a mesh network using a plurality of wireless access points (WAPs)

## Title (de)

System und Verfahren zur Bereitstellung eines mehrere drahtlose Zugangspunkte verwendenden Maschennetzes

## Title (fr)

Système et procédé pour fournir un réseau maillé utilisant plusieurs points d'accès sans fil

## Publication

**EP 1401151 A2 20040324 (EN)**

## Application

**EP 03021047 A 20030917**

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- US 60656503 A 20030626

## Abstract (en)

A first access point located in a first cell may be coupled to a second access point located in a second cell. Service may be initially provided to an access device by the first access point cell. The access device may subsequently be serviced by a second access point whenever a signal for the access device falls below a specified threshold level. The second cell may be a neighboring cell, which may be located adjacent to the first cell. A first signal may be transmitted from a first beamforming antenna coupled to the first access point, to the second access point via an uplink channel. Similarly, a second signal may be transmitted from a second beamforming antenna coupled to the second access point, to the first access point via a downlink channel. The uplink and downlink channels may be a backhaul channel.

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## Citation (applicant)

- US 2001012279 A1 20010809 - HAUMONT SERGE [FI], et al
- EP 1059773 A2 20001213 - CALY CORP [US]
- EP 1215930 A2 20020619 - MOTOROLA INC [US]

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